

Title (en)

SYSTEMS AND METHODS FOR SECURE BIOMETRIC SAMPLE RAW DATA STORAGE

Title (de)

SYSTEME UND VERFAHREN ZUR SICHEREN BIOMETRISCHEN PROBENROHDATENSPEICHERUNG

Title (fr)

SYSTÈMES ET PROCÉDÉS POUR STOCKAGE SÉCURISÉ DE DONNÉES BRUTES D'ÉCHANTILLON BIOMÉTRIQUE

Publication

EP 3321846 A1 20180516 (EN)

Application

EP 16198855 A 20161115

Priority

EP 16198855 A 20161115

Abstract (en)

A method for biometric template extraction and secure biometric sample raw data storage, the method comprising enrolling, at a terminal, at least one biometric sample of a user, storing, in a secure storage on the terminal, the raw data of the biometric sample, extracting, by an extraction application executed on the terminal, a biometric template from the raw data of the sample, fragmenting, by a raw sample splitter executed on the terminal, the raw data of the biometric sample, distributing the fragments of the raw data of the biometric samples from the terminal to independent entities, preferably via a secure communication channel, and deleting the biometric sample raw data from the secure storage of the terminal.

IPC 8 full level

G06K 9/00 (2006.01); **G06K 9/22** (2006.01)

CPC (source: EP US)

G06F 16/162 (2018.12 - EP US); **G06F 16/90335** (2018.12 - EP US); **G06F 21/00** (2013.01 - EP); **G06F 21/6227** (2013.01 - US); **G06V 10/17** (2022.01 - EP US); **G06V 10/955** (2022.01 - EP US); **G06V 40/19** (2022.01 - EP US); **G06V 40/50** (2022.01 - US); **G16B 50/00** (2019.01 - EP US); **H04L 9/00** (2013.01 - EP); **H04L 63/00** (2013.01 - EP); **H04L 67/1097** (2013.01 - EP US); **G06F 21/32** (2013.01 - US)

Citation (search report)

- [I] WO 2012058639 A1 20120503 - EXOUDUS PAYMENT SYSTEMS LLC [US], et al
- [I] WO 2005064547 A1 20050714 - TELECOM ITALIA SPA [IT], et al
- [I] US 2013339749 A1 20131219 - SPUEHIER PHILIPPE [CH], et al
- [A] WO 2015175411 A1 20151119 - CLOUD CROWDING CORP [US]
- [A] US 2016188974 A1 20160630 - MULLIN SEAN [US]
- [A] HASAN HAZILA ET AL: "Secured data partitioning in multi cloud environment", 2014 4TH WORLD CONGRESS ON INFORMATION AND COMMUNICATION TECHNOLOGIES (WICT 2014), IEEE, 8 December 2014 (2014-12-08), pages 146 - 151, XP032755421, DOI: 10.1109/WICT.2014.7077319

Cited by

US2020143074A1; US11755759B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3321846 A1 20180516; US 2018137382 A1 20180517; WO 2018093496 A1 20180524

DOCDB simple family (application)

EP 16198855 A 20161115; US 2017056459 W 20171013; US 201715808331 A 20171109